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Filed 10/11/2000
Attorney docket no. BEA9-2000-0005-US1

Listing of claims

1.   (previously presented) A system for communication between a first host and second host
comprising:

       means for communicating between a first host and a storage area network using a storage
area network protocol in a non-ESCON protocol manner, the storage area network including a
plurality of storage devices exclusive of the first host;

       means for communicating between a second host and the storage area network using the
storage area network protocol in a non-ESCON protocol manner, the storage devices exclusive of
the second host; and

       means for communicating directly between the first and second hosts using the storage
area network protocol in a non-ESCON protocol manner without passing through a storage
device.

2.   (original) The system of claim 1, wherein the storage area network protocol is a FICON
protocol.

3.   (original) The system of claim 1, wherein the means for communicating comprises:

       means at the first host for translating between the storage area network protocol and a
host-to-host communications protocol selected from the group consisting of TCP/IP and SNA.

4.   (previously presented)   A system for facilitating the communications of a first host
comprising:

       means for communicating with a second host using a storage area network protocol in a
non-ESCON protocol manner; and

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means for communicating with a storage area network using the storage area network protocol in a non-ESCON protocol manner, the storage area network including a plurality of storage devices exclusive of the first host and the second host.

5.   (original) The system of claim 4, wherein the storage area network protocol is a FICON protocol.

6.   (original) The system of claim 4, wherein the means for communicating comprises:
        means for translating between the storage area network protocol; and
        communications protocol selected from the group consisting of TCP/IP and SNA.

7.   (previously presented) A method for communicating between a first host and second host comprising:
        communicating between a first host and a storage area network using a storage area network protocol in a non-ESCON protocol manner, the storage area network including a plurality of storage devices exclusive of the first host;
        communicating between a second host and the storage area network using the storage area network protocol in a non-ESCON protocol manner, the storage devices exclusive of the second host; and
        communicating directly between the first and second hosts using the storage area network protocol in a non-ESCON protocol manner without passing through a storage device.

8.   (original) The method of claim 7, wherein the storage area network protocol is a FICON protocol.

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9.   (original) The method of claim 7, wherein the step of communicating between the first
and second hosts comprises:

        the first host translating between the storage area network protocol and a host-to-host
communications protocol.

10.   (original) The method of claim 9, wherein the host-to-host communications protocol is
TCP/IP.

11.   (original) The method of claim 10, wherein the storage area network protocol is a FICON
protocol.

12.   (original) The method of claim 11, wherein the step of communicating directly between
the first and second hosts comprises:

        encapsulating TCP/IP packets from the first host in 8232 protocol frames;

        transmitting the 8232 protocol frames to the second host using the FICON protocol; and

        decapsulating the TCP/IP packets from the 8232 protocol frames at the second host.

13.   (original) The method of claim 8, wherein the step of communicating directly between the
first and second hosts supports a high-speed file transfer application.

14.   (original) The method of claim 13, wherein the file transfer application is supported by
3088 emulation.

15.   (original) The method of claim 9, where the host-to-host protocol is SNA.

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16.   (previously presented) A method for facilitating the communications of a first host
comprising:

        communicating with a second host using a storage area network protocol in a non-
ESCON protocol manner; and

        communicating with a storage area network using the storage area network protocol in a
non-ESCON protocol manner, the storage area network including a plurality of storage devices
exclusive of the first host and the second host.

17.   (original) The method of claim 16, wherein the storage area network protocol is a FICON
protocol.

18.   (original) The method of claim 16, wherein the steps for communicating comprise:

        translating between the storage area network protocol and a communications protocol
selected from the group consisting of TCP/IP and SNA.

19.   (previously presented) An article for communicating between a first host and a second
host comprising:

        a tangible recordable data storage medium;

        means in the medium for communicating between a first host and a storage area network
using a storage area network protocol in a non-ESCON protocol manner, the storage area
network including a plurality of storage devices exclusive of the first host;

        means in the medium for communicating between a second host and the storage area
network using a storage area network protocol in a non-ESCON protocol manner, the storage
devices exclusive of the second host; and

        means in the medium for communicating between the first host and the second host using
the storage are network protocol in a non-ESCON protocol manner.

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20.   (original) The article of claim 19, wherein the storage area network protocol is a FICON
protocol.

21.   (original) The article of claim 19, wherein the means in the medium for communicating
comprises:

        means in the medium at the first host for translating between the storage area network
protocol; and

        a host-to-host communications protocol selected from the group consisting of TCP/IP and
SNA.

22.   (cancelled)

23.   (previously presented) The article of claim 19, wherein the medium is selected from the
group consisting of magnetic, optical, biological and atomic data storage media.

24.   (cancelled)

25.   (previously presented) An article for communicating with a first host comprising:

        a tangible recordable data storage medium; and

        means in the medium for communicating with a storage area network, and with a second
host using a storage area network protocol in a non-ESCON protocol manner, the storage area
network including a plurality of storage devices exclusive of the first host and the second host.

26.   (original) The article of claim 25, wherein the storage area network protocol is a FICON
protocol.

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27.   (original) The article of claim 25, wherein the means in the medium for communicating comprises:

        means in the medium for translating between the storage area network protocol; and

        means in the medium for a host-to-host communications protocol selected from the group consisting of TCP/IP and SNA.

28.   (cancelled)

29.   (previously presented) The article of claim 25, wherein the medium is selected from the group consisting of magnetic, optical, biological and atomic data storage media.

30.   (cancelled)